OR Function Linear equation: 0.5x, + 0.5x2-1.25=0 -Learening reate, x = 0.01 nated threeshold function new weight = old weight + & (Tanget - Prediction)x input As harred three-hold T = troho want · 0.571,+0.572-1.25 ≥ 0 0.5%, +0.5%2-1.25 <0 then output=0 N2 XI for 1st input input = 0,0 0.2x0+0.2x0-1.52 Prodiction= N(N) = 0 =-1.25 20 50, N(M) =0

Atopan on

Fore 2nd input

input = 0,1

output = 1

$$(x,0) = 0$$
 $(x,0) = 0$
 $(x,0) = 0$

Fore twind input

 $(x,0) = 0$
 $(x,0) = 0$

Forz 4th imput imput = 1,1 output = 1 0.51 X1 + 0.51X1-1.25 -0.23 6 n(m) = 0 2(m) = 0 new weight, = 0.51 + 0.01 (1-0) × 1 = 0.52 new weight = 0.51+0.01(1-6)×1

equation: 0.52×1, +0.52×2-1.25=0

| Subject O O O O | Sat Sun Mon Tue Wed Thu Fri |
|----------------------|---|
| Date: / / | Date: / / |
| sigmoid Function | 2 des Noitoviorsh |
| | |
| (Mary - 15) 8 | 2001 6 in 1 |
| iws | 100 Let 0.52 cha |
| = - 1+e- | 2. × C10.55 = 1 |
| | ((10)00 N = () 0.5 L class= |
| | ; cu-2 |
| new weightier ~ 6) 3 | / contract A |
| 1 - W: + x 66. | 1- (min) x h in (m)x(1- his (|
| (www. H) 2 | X. X. |
| (6) | (((((((((((((((((((((((((((((((((((((((|
| 0,271, +0.5712 -0. | 6 = 0 |
| | |
| 10/ 10 in in | Harconet 50 |
| | input = 0,0 |
| | 10.2x0 4 0.5 x0-0.6 |
| | = -0.6 |
| 1 , 1 | |
| D. D. D. X W. J. K. | (M) = 1 = 0.6 (= 0.3) <0 |
| | |
| , wis | alass = 0 |
| | taregiet = class |
| 1 1 / K.W 1-1 | vo change |
| | |
| | Scanned with CamScanner |

Sat Sun Mon Tue Wed Thu Fri

derivation of signification

Date: /

Date:

= 2 (y- hw.(n)) x h.w(n) x (1- h.w(x)) x Xi

- (y- hw.(n)) x h.w(n) x (1- h.w(x)) x Xi